

~~We claim:~~

- ~~1. A method of associating a connection in a plug on a mapping catheter with an electrode associated with a wire on the catheter, the method comprising the steps of:~~
  - ~~a) applying an electrical signal to the connection;~~
  - ~~b) detecting the electrical signal on the electrode; and~~
  - ~~c) identifying the electrode associated with the connection.~~
- ~~2.1. A method of associating a connection in a proximal plug on a mapping catheter with an electrode associated with a wire on the distal end of said mapping catheter, the method comprising the steps of:~~
  - ~~a) applying an electrical voltage to a connection in said proximal plug;~~
  - ~~b) detecting the resultant electrical voltage on the corresponding wire electrode site at said distal end of said mapping catheter; and~~
  - ~~c) identifying and associating the electrode with the complimentary proximal plug connection.~~
2. A method of associating a connection in a proximal plug on a mapping catheter with an electrode associated with a wire on the catheter, the method comprising the steps of:
  - a) applying an electrical signal voltage to the electrode;
  - b) detecting the electrical signal on the voltage on the proximal plug connection; and
  - ~~c) identifying the connection associated with the electrode.~~